

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	566	(zero point calibrat\$4) with rudder\$3	USPAT	OR	OFF	2007/11/14 14:52
S1	3	("5107424" "5179905" "4038528").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/18 16:23
S3	11	("4038528").URPN.	USPAT	ADJ	ON	2007/08/18 16:27
S4	4	("5179905").URPN.	USPAT	ADJ	ON	2007/08/18 16:27
S5	24	("5107424").URPN.	USPAT	ADJ	ON	2007/11/02 20:20
S10	2	richey-ron\$.in.	USPAT	ADJ	ON	2007/08/18 16:32
S11	1	ruddeer	USPAT	ADJ	ON	2007/08/21 14:14
S12	7346	rudder	USPAT	ADJ	ON	2007/08/21 14:14
S13	3657	rudder same control	USPAT	ADJ	ON	2007/09/04 18:30
S14	3027	rudder with control	USPAT	ADJ	ON	2007/08/21 14:15
S15	7	(rudder with control) and (rudder error)	USPAT	ADJ	ON	2007/08/21 14:15
S16	241	701/21.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 11:48
S18	725	114/162.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/26 16:55
S20	92	114/144re.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/26 17:03
S21	152	114/144a.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/08/26 17:03
S22	385	richey.in.	USPAT	ADJ	ON	2007/09/04 09:30
S23	725	114/162.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/04 17:50
S24	480	S23 and rudder	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/04 17:45

## EAST Search History

S25	3	S23 and rudder with error	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/04 17:45
S26	12	114/162.ccls. and solenoid	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/04 18:05
S27	70	114/162.ccls. and hydraul\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/04 18:06
S28	474	(rudder same control) same (hydraulic or solenoid)	USPAT	ADJ	ON	2007/09/04 18:31
S29	1584	701/41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/05 09:20
S30	367	701/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/05 09:13
S31	6	701/42.ccls. and rudder	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/05 09:13
S32	27	701/41.ccls. and rudder	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/05 11:17
S33	20	correct same rudder same error same ship	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/05 11:23
S34	1857	701/207.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/05 11:24
S35	12	701/207.ccls. and rudder	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/05 11:29
S36	1	("4074648").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/05 11:33

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S37	1	("3852650").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/05 11:36
S38	1	("4595867").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/05 11:55
S39	0	gb-1247735-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/05 11:55
S41	11	(feedback and control and error and (rudder or autopilot) and (drive with off) same( (stop or final) with position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 10:05
S42	27	"4739236".urpn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 11:18
S43	2	"4739236".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 11:19
S44	1	("5034895").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/08 12:32
S45	12	("4069784"   "4074648"   "4253149"   "4336594"   "4524710"   "4590570"   "4692868"   "4747359"   "4769773"   "4777602"   "4799163").PN. OR ("5034895"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/08 12:32
S48	1	("20060116786").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/10 08:35

## EAST Search History

S49	1	("7177734").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/10 08:40
S50	1	("6322406").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/10 08:42
S51	1	("6209493").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/10 11:33
S52	4394	lockheed.as.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/10 11:34
S53	38	lockheed.as. and aileron	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/10 11:46
S54	53	lockheed.as. and rudder	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/10 11:47
S55	1	calibrate with rudder	USPAT	ADJ	ON	2007/09/14 11:45
S56	24	calibrat\$3 with rudder	USPAT	ADJ	ON	2007/09/14 11:45
S57	116166	calibrat\$4 and scale	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/14 12:38
S58	24699	calibrat\$4 with scale	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/14 12:38
S59	131	calibrat\$4 with scale with dynamic	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/14 12:39
S60	1316	calibrat\$4 with scale with weight	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/14 12:39
S61	8	calibrat\$4 with scale with weight with dynamic	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/09/14 12:39

## EAST Search History

S62	1	("20060229769").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/29 09:15
S63	1	("6823675").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/29 09:18
S64	2	(("2003009311") or ("20030131605")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/29 09:19
S65	2	(("20030093211") or ("20030131605")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/29 09:24
S66	1	("6311634").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/29 09:24
S67	3	(("5406488") or ("5617316") or ("20040006423")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/29 11:05
S68	1	("6165031").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/29 17:31
S69	4	(("6825779") or ("6539288") or ("20070102226") or ("20010020203")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/30 11:59
S70	1	rudder overshoot	USPAT	ADJ	ON	2007/11/02 20:28
S71	14	rudder with overshoot	USPAT	ADJ	ON	2007/11/02 20:28
S72	2	rudder overshoot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/02 20:29
S73	36	rudder with overshoot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/02 20:50

## EAST Search History

S88	2	(zero point calibrat\$4) with rudder\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/08 11:23
S89	312	zero point calibrat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	OFF	2007/11/08 11:19
S90	0	(zero calibrat\$4) with rudder\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/08 11:20
S91	6	(zero with calibrat\$4) with rudder\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/08 11:22
S92	2	(neutral with calibrat\$4) with rudder\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/08 11:22
S93	0	(zero point calibrat\$4) with marine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/11/08 11:23
S94	551	701/14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 11:50
S95	0	364/457.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 11:50

## EAST Search History

S74	0	(position (undershoot or overshoot) monitor) with rudder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/02 20:51
S75	0	(position (undershoot or overshoot) monitor) same rudder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/02 20:51
S76	0	(position with (undershoot or overshoot) monitor) same rudder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/02 20:51
S77	0	(position with (undershoot or overshoot) with monitor) same rudder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/02 20:51
S78	21	(position with (undershoot or overshoot) with monitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/02 20:51
S79	6	(("5313397") or ("5235927") or ("4223624") or ("6549831") or ("3241015")).PN.	USPAT; USOCR	OR	OFF	2007/11/08 10:55
S80	2063024	zero point calibrat\$4	USPAT	OR	OFF	2007/11/08 11:17
S82	558	(zero point calibration) with rudder\$3	USPAT	OR	OFF	2007/11/08 11:16
S83	17	("4223624").URPN.	USPAT	OR	OFF	2007/11/08 10:57
S84	418632	(zero point calibration) with rudder error	USPAT	OR	OFF	2007/11/08 11:16
S85	0	(zero point calibration) with (rudder error)	USPAT	ADJ	OFF	2007/11/08 11:17
S86	127	zero point calibrat\$4	USPAT	ADJ	OFF	2007/11/08 11:19
S87	1	(zero point calibrat\$4) with rudder\$3	USPAT	ADJ	OFF	2007/11/08 11:18

## EAST Search History

S96	0	364/449.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 11:55
S97	553	114/150.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 11:55
S98	195	114/150.ccls. and rudder	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 12:08
S99	2	114/150.ccls. and overshoot	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 12:01
S100	38	114/150.ccls. and (rudder position\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 15:49
S101	6	114/146.ccls. and (rudder position\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 12:42
S102	14	("20030033969"   "20030150366"   "20050252433"   "3695205"   "3949696"   "4120258"   "5107424"   "5253604"   "6250418"   "6273771"   "6311634"   "6382122"   "6431928"   "6843195").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 12:46
S103	26	114/158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/11/08 15:49
S104	1	("5691894").PN.	USPAT; USOCR	OR	OFF	2007/11/08 19:37
S105	1	("5406488").PN.	USPAT; USOCR	OR	OFF	2007/11/08 19:50
S106	1	("5235927").PN.	USPAT; USOCR	OR	OFF	2007/11/08 19:54
S107	1	("5313397").PN.	USPAT; USOCR	OR	OFF	2007/11/08 19:54
S108	1	("5653314").PN.	USPAT; USOCR	OR	OFF	2007/11/09 10:48
S109	424016	(rudder near[2] error)	USPAT	OR	OFF	2007/11/09 19:11
S110	2226	(rudder near[2] error) same vessel	USPAT	OR	OFF	2007/11/09 19:12

## EAST Search History

S11 1	2446	(rudder near[2] error) same solenoid	USPAT	OR	OFF	2007/11/09 19:14
S11 2	9947	(rudder near[2] error) and (ship or boat)	USPAT	OR	OFF	2007/11/09 19:13
S11 3	3	(rudder with error) same solenoid	USPAT	OR	OFF	2007/11/09 19:16
S11 4	12	(rudder near error)	USPAT	OR	OFF	2007/11/09 19:22
S11 5	20	(rudder near error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 19:22
S11 6	1182	monitoring frequency	USPAT	ADJ	OFF	2007/11/14 08:18
S11 7	25	(monitoring frequency) and (marine or ship or rudder)	USPAT	ADJ	OFF	2007/11/14 08:26
S11 8	63	(monitor\$3 frequency) and (marine or ship or rudder)	USPAT	ADJ	OFF	2007/11/14 08:26
S11 9	4	(monitor\$3 frequency) same (marine or ship or rudder)	USPAT	ADJ	OFF	2007/11/14 08:33
S12 0	2	((monitor\$3 frequency) or (frequency monitor)) same (ship or rudder)	USPAT	ADJ	OFF	2007/11/14 08:34
S12 1	0	(rate of change) with (rudder position)	USPAT	ADJ	OFF	2007/11/14 13:35
S12 2	0	(rate of change) same (rudder position)	USPAT	ADJ	OFF	2007/11/14 13:35
S12 3	0	(rate of change) same (rudder )	USPAT	ADJ	OFF	2007/11/14 13:35
S12 4	0	(rate of change) same (rudder )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	OFF	2007/11/14 13:36
S12 5	239	(rate change) same (rudder )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	OFF	2007/11/14 13:36
S12 6	25	(rate change) same (rudder position )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	OFF	2007/11/14 13:36